

(Use several sheets if necessary)

ATTY, DOCKET NO.	APPLICATION NO.
8932-295	To be assigned
APPLICANT	
D. PAUL et al.	
FILING DATE	GROUP
Herewith	3732 (expected)

		:	U	S. PATENT DOCUMENTS			
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS `	FILING DAT
h	AA	6,206,923 B1	3/2001	Boyd et al.	623	17.11	
9	AB	6,200,347 B1	3/2001	Anderson et al.	623	16.11	2
	AC	6,156,070	12/2000	Incavo et al.	623	23.52	e F
	AD	6,143,033	11/2000	Paul et al.	623	17.11	286 86.s
	AE	6,143,030	11/2000	Schroder	623	16.11	40/
	AF	6,123,731	09/2000	Boyce et al.	623	23.63	40
	AG	6,111,164	08/2000	Rainey et al.	623	16	\
	АН	6,110,482	08/2000	Khouri et al.	424	423	H
	Al	6,096,081	08/2000	Grivas et al.	623	17.11	
	AJ	6,090,998	7/2000	Grooms et al.	623	16	
	AK	6,059,790	5/2000	Sand et al.	606	99	
	AL	6,053,916	4/2000	Moore	606	61	
	AM	6,049,025	4/2000	Stone et al.	623	16	
	AN	6,045,580	4/2000	Scarborough et al.	623	17	
	AO	6,045,554	4/2000	Grooms et al.	606	73	
	AP	6,039,762	3/2000	МсКау	623	17	
	AQ	6,033,438	3/2000	Bianchi et al.	623	17	
	AR	6,033,405	3/2000	Winslow et al.	606	61	
T	AS	6,030,635	2/2000	Gertzman et al.	424	423	
	АТ	6,025,538	2/2000	Yaccarino, III	623	16	
	AU	6,013,853	1/2000	Athanasiou et al.	623	11	
	AV	6,008,433	12/1999	Stone	623	16	
·	AW	6,005,161	12/1999	Brekke et al.	623	16	
	AX	5,997,581	12/1999	Khalili	623	23	
	AY	5,997,580	12/1999	Mastrorio et al.	623	22	
	AZ	5,990,382	11/1999	Fox	623	16	
	ВА	5,989,289	11/1999	Coates et al.	623	17	
	ВВ	5,984,967	11/1999	Zdeblick et al.	623	17	
2	вс	5,981,828	11/1999	Nelson et al.	623	16	

*EXAMINER: Initial if reference-considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.



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8932-295	To be assigned
APPLICANT	
D. PAUL et al.	09/828,625
FILING DATE	GROUP

							GROUP	
					Herewith		3732 (expe	ected)
	<u> </u>		<u>U.</u>	S. PATENT DOCUM	MENTS	·····		г
*EXAMIN	NER iL	DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIAT
Dx.	B	5,980,522	11/1999	Koros et al.		606	61	
_4	В	5,976,187	11/1999	Richelsoph		623	17	
	В	5,972,368	10/1999	McKay		424	423	
\bot	ВС	5,972,034	10/1999	Hofmann et al.		623	23	
-	Bi	5,968,098	10/1998)4	Winslow		623	17	
	В	5,968,047	10/1999	Reed		606	76	
4	В	5,944,755	8/1999	Stone		623	16	
41	Br	5,935,169	8/1999	Chan		623	16	
\bot	BL	5,922,027	7/1999	Stone		623	11	
	BN	5,919,196	7/1999	Bobic et al.		606	86	
	BI	5,913,900	6/1999	Stone		623	20	
\perp	ВС	5,910,315	6/1999	Stevenson et al.	-	424	422	
\perp	ВР	5,904,719	5/1999	Errico et al.		623	17	
\perp	ВС	5,904,716	5/1999	Gendler		623	11	
	BR	5,902,338	5/1999	Stone		623	13	
	BS	5,899,939	5/1999	Boyce et al.		623	16	
	вт	5,895,426	4/1999	Scarborough et	al.	623	17	
	BU	5,888,227	3/1999	Cottle		623	17	
	ВV	5,888,224	3/1999	Beckers et al.		623	17	
	BW	5,888,222	3/1999	Coates et al.		623	17	
	вх	5,885,299	3/1999	Winslow et al.		606	99	
	BY	5,885,292	3/1999	Moskovitz et al.		606	79	
	BZ	5,879,403	3/1999	Ostiguy et al.		623	22	
\perp	CA	5,876,455	3/1999	Harwin		623	16	
1	СВ	5,868,749	2/1999	Reed		606	76	
	СС	5,865,849	2/1999	Stone		623	18	
	CD	5,865,848	2/1999	Baker		623	17	
	CE	5,861,043	1/1999	Carn		623	16	-
B	CF	5,824,088	10/1998	Kirsch		623	16	

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ATTY, DOCKET NO.	APPLICATION NO.
8932-295	To be assigned
APPLICANT	00/000
D. PAUL et al.	09/828,625
FILING DATE	GROUP
Herewith	3732 (expected)

DOCUMENT NUMBER CG 5,824,084 CH 5,824,078 CI 5,814,084 CJ 5,785,714 CK 5,782,917 CL 5,782,915 CM 5,782,830 CN 5,776,199 CO 5,776,198 CP 5,776,197	10/1998 10/1998 9/1998 7/1998 7/1998 7/1998 7/1998 7/1998	Muschler Nelson et al. Grivas et al. Morgan et al. Carn Stone Farris	623 623 623 623 606 623	SUBCLASS 16 66 16 86 16 11	FILING DATE
CG 5,824,084 CH 5,824,078 CI 5,814,084 CJ 5,785,714 CK 5,782,917 CL 5,782,915 CM 5,782,830 CN 5,776,199 CO 5,776,198	10/1998 10/1998 9/1998 7/1998 7/1998 7/1998	Muschler Nelson et al. Grivas et al. Morgan et al. Carn Stone	623 623 623 606 623 623	16 66 16 86 16	FILING DATE IF APPROPRIA
CH 5,824,078 CI 5,814,084 CJ 5,785,714 CK 5,782,917 CL 5,782,915 CM 5,782,830 CN 5,776,199 CO 5,776,198	10/1998 9/1998 7/1998 7/1998 7/1998	Nelson et al. Grivas et al. Morgan et al. Carn Stone	623 623 606 623 623	66 16 86 16	
CI 5,814,084 CJ 5,785,714 CK 5,782,917 CL 5,782,915 CM 5,782,830 CN 5,776,199 CO 5,776,198	9/1998 7/1998 7/1998 7/1998 7/1998	Grivas et al. Morgan et al. Carn Stone	623 606 623 623	16 86 16	
5,785,714 CK 5,782,917 CL 5,782,915 CM 5,782,830 CN 5,776,199 CO 5,776,198	7/1998 7/1998 7/1998 7/1998	Morgan et al. Carn Stone	606 623 623	86 16	
5,782,917 CL 5,782,915 CM 5,782,830 CN 5,776,199 CO 5,776,198	7/1998 7/1998 7/1998	Carn Stone	623 623	16	
5,782,915 5,782,830 5,776,199 5,776,198	7/1998 7/1998	Stone	623		
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5,776,198	7/1998		606	61	
	ł	Michelson	623	17	
CP 5 776 107	7/1998	Rabbe et al.	623	17	
5 [5,776,187	7/1998	Rabbe et al.	623	17	
CQ 5,769,897	6/1998	Härle	623	16	
CR 5,766,253	6/1998	Brosnahan, III	623	17	
CS 5,766,252	6/1998	Henry et al.	623	17	
CT 5,755,793	5/1998	Smith et al.	623	16	
CU 5,741,261	4/1998	Moskovitz et al.	606	79	
CV 5,733,288	3/1998	Allen	606	79	
CW 5,728,159	3/1998	Stroever et al.	623	16	
CX 5,725,813	3/1998	Nies	264	15	
CY 5,722,977	3/1998	Wilhelmy	606	84	
CZ 5,716,415	2/1998	Steffee	623	17	
DA 5,709,683	1/1998	Bagby	606	61	
DB 5,702,453	12/1997	Rabbe et al.	623	17	
DC 5,702,449	12/1997	McKay	623	17	
DD 5,697,981	12/1997	Ison et al.	623	16	
DE 5,683,463	11/1997	Godefroy et al.	623	17	
OF 5,683,394	11/1997	Rinner	606	86	
OG 5,676,699	10/1997	Gogolewski et al.	623	16	
DH 5,665,120	9/1997	Ohtsuka et al.	623	16	
	8/1997	Dudasik et al.	623	23	
	R 5,766,253 S 5,766,252 T 5,755,793 U 5,741,261 V 5,733,288 W 5,728,159 X 5,725,813 Y 5,722,977 Z 5,716,415 A 5,709,683 B 5,702,453 C 5,702,449 D 5,697,981 E 5,683,463 F 5,683,394 G 5,676,699 H 5,665,120	R 5,766,253 6/1998 S 5,766,252 6/1998 T 5,755,793 5/1998 U 5,741,261 4/1998 V 5,733,288 3/1998 X 5,728,159 3/1998 X 5,725,813 3/1998 Y 5,722,977 3/1998 Z 5,716,415 2/1998 A 5,709,683 1/1998 B 5,702,453 12/1997 C 5,702,449 12/1997 D 5,697,981 12/1997 E 5,683,463 11/1997 F 5,683,394 11/1997 H 5,665,120 9/1997	R 5,766,253 6/1998 Brosnahan, III S 5,766,252 6/1998 Henry et al. T 5,755,793 5/1998 Smith et al. U 5,741,261 4/1998 Moskovitz et al. V 5,733,288 3/1998 Stroever et al. X 5,725,813 3/1998 Nies X 5,725,813 3/1998 Wilhelmy Z 5,716,415 2/1998 Steffee A 5,709,683 1/1998 Bagby B 5,702,453 12/1997 Rabbe et al. C 5,702,449 12/1997 McKay D 5,697,981 12/1997 Ison et al. E 5,683,394 11/1997 Rinner G 5,676,699 10/1997 Gogolewski et al. H 5,665,120 9/1997 Ohtsuka et al.	R 5,766,253 6/1998 Brosnahan, III 623 S 5,766,252 6/1998 Henry et al. 623 T 5,755,793 5/1998 Smith et al. 623 U 5,741,261 4/1998 Moskovitz et al. 606 V 5,733,288 3/1998 Allen 606 W 5,728,159 3/1998 Stroever et al. 623 X 5,725,813 3/1998 Nies 264 Y 5,722,977 3/1998 Wilhelmy 606 Z 5,716,415 2/1998 Steffee 623 A 5,709,683 1/1998 Bagby 606 B 5,702,453 12/1997 Rabbe et al. 623 C 5,702,449 12/1997 McKay 623 D 5,697,981 12/1997 Ison et al. 623 E 5,683,3463 11/1997 Godefroy et al. 623 F 5,683,394 11/1997 Gogolewski et al. 623 H 5,665,120 9/1997 Ohtsuka et al. <td>R 5,766,253 6/1998 Brosnahan, III 623 17 S 5,766,252 6/1998 Henry et al. 623 17 T 5,755,793 5/1998 Smith et al. 623 16 U 5,741,261 4/1998 Moskovitz et al. 606 79 V 5,733,288 3/1998 Allen 606 79 W 5,728,159 3/1998 Stroever et al. 623 16 X 5,725,813 3/1998 Nies 264 15 Y 5,722,977 3/1998 Wilhelmy 606 84 Z 5,716,415 2/1998 Steffee 623 17 A 5,709,683 1/1998 Bagby 606 61 B 5,702,453 12/1997 Rabbe et al. 623 17 C 5,702,449 12/1997 McKay 623 17 C 5,697,981 12/1997 Ison et al. 623 17 F 5,683,394 11/1997 Rinner 606 86 G 5,676,699 10/1997 Gogolewski et al. 623 16 H 5,665,120 9/1997 Ohtsuka et al. 623 16</td>	R 5,766,253 6/1998 Brosnahan, III 623 17 S 5,766,252 6/1998 Henry et al. 623 17 T 5,755,793 5/1998 Smith et al. 623 16 U 5,741,261 4/1998 Moskovitz et al. 606 79 V 5,733,288 3/1998 Allen 606 79 W 5,728,159 3/1998 Stroever et al. 623 16 X 5,725,813 3/1998 Nies 264 15 Y 5,722,977 3/1998 Wilhelmy 606 84 Z 5,716,415 2/1998 Steffee 623 17 A 5,709,683 1/1998 Bagby 606 61 B 5,702,453 12/1997 Rabbe et al. 623 17 C 5,702,449 12/1997 McKay 623 17 C 5,697,981 12/1997 Ison et al. 623 17 F 5,683,394 11/1997 Rinner 606 86 G 5,676,699 10/1997 Gogolewski et al. 623 16 H 5,665,120 9/1997 Ohtsuka et al. 623 16

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(Use several sheets if necessary)

ATTY, DOCKET NO.	APPLICATION NO.
8932-295	To be assigned
APPLICANT	(20/2-0)
D. PAUL et al.	09/828,625
FILING DATE	GROUP
Herewith	3732 (expected)

			U.\$	S. PATENT DOCUMENTS	·		
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
1	ÐJ	5,645,598	7/1997	Brosnahan, III	623	17	
	DK	5,609,636	3/1997	Kohrs et al.	623	17	
	DL	5,609,635	3/1997	Michelson	623	17	
	DM	5,607,474	3/1997	Athanasiou et al.	623	11	
	DN	5,603,716	2/1997	Morgan et al.	606	88	
	DO	5,593,409	1/1997	Michelson	606	61	
	DP	5,591,235	1/1997	Kuslich	623	17	
	DQ	5,585,116	12/1996	Boniface et al.	424	549	
	DR	5,570,706	11/1996	Howell	128	898	
	DS	5,569,308	11)1996	Sottosanti	623	165	
	DT	5,556,430	9/1996	Gendler	623	16	
	DU	5,554,192	9/1996	Crowninshield	623	16	
4	DV	5,554,191	9/1996	Lahille et al.	623	17	
	DW	5,549,679	8/1996	Kuslich	623	17	
	DX	5,545,222	8/1996	Bonutti	623	11	
	DY	5,531,791	7/1996	Wolfinbarger, Jr.	623	16	
	DZ	5,522,899	6/1996	Michelson	623	17	
	EA	5,516,532	5/1996	Atala et al.	424	548	
	EB	5,514,180	5/1996	Heggeness et al.	623	17	ļ
	EC	5,510,396	4/1996	Prewett et al.	523_	113	
	ED	5,507,813	4/1996	Dowd et al.	623	16	
	EE	5,501,706	3/1996	Arenberg	623	16	
	EF	5,492,697	2/1996	Boyan et al.	424	422	
	EG	5,489,308	2/1996	Kuslich et al.	623	17	
	EH	5,489,307	2/1996	Kuslich et al.	623	17	
	EI	5,484,601	1/1996	O'Leary et al.	424	422	
	EJ	5,484,437	1/1996	Michelson	606	61	
V	EK	5,458,638	10/1995	Kuslich et al.	623	17	
B	EL	5,443,514	8/1995	Steffee	623	17	
EXAMINER	Ś.	Jack		DATE CONSIDERED 4	7/6.	2	-

*EXAMINER: Initial-if reference considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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ATTY, DOCKET NO.	APPLICATION NO.
8932-295	To be assigned
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D. PAUL et al.	09/828,625
FILING DATE	GROUP
Herewith	3732 (avacated)

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*FYAMINED				U.S. PATENT DOCUMENTS			
*EXAMINER		DOCUMENT NUMBER	DATE	NAME	CLA	SS SUBCL	ASS FILIN
17	EM	5,439,684	8/1995	Prewett et al.	424	422	
-	EN	5,433,751	7/1995	Christel et al.	623		
	EO	5,425,772	6/1995	Brantigan	623		
	EP	5,425,770	6/1995	Piez et al.	623		
	EQ	5,425,769	6/1995	Snyders, Jr.	623		
	ER	5,425,768	6/1995	Carpenter et al.	623		
	ES	5,423,817	6/1995	Lin	606	61	
	ET	5,405,391	4/1995	Hednerson et al.	623	17	_
	EU	5,405,390	4/1995	O'Leary et al.	623	16	
	EV	5,383,932	1/1995	Wilson et al.	623	16	
	EW	5,376,120	12/1994	Sarver et al.	623	16	_
	EX	5,366,508	11/1994	Brekke	623		
	EY	5,329,846	7/1994	Bonutti	100	16	
	EZ	5,314,476	5/1994	Prewett et al.		50	+
	FA	5,306,304	4/1994	Gendler	623	16	
	FB	5,306,302	4/1994	Bauer et al.	623	16	
	FC	5,300,077	4/1994	Howell	623	16	
4	FD	5,298,254	3/1994	Prewett et al.	606	96	<u> </u>
-	FE !	5,290,558	3/1994	O'Leary et al.	424	422	
1_1	FF (5,284,655	2/1994	Bogdansky et al.	424	422	+
	FG 5	5,282,861	2/1994	Kaplan	424	422	 -
	FH 5	5,281,226	1/1994	Davydov et al.	623	16	 -
	FI 5	,236,456	8/1993	O'Leary et al.	606	62	
	FJ 5	,211,664	5/1993	Tepic et al.	623	16	
	FK 5	,192,327	3/1993	Brantigan	623	16	
	FL 5	,171,275	12/1992	Ling et al.	623	17	
3-4	FM 5	,162,114	11/1992	Kuberasampath et al.	623	16	 -
<u> </u>				IGN PATENT DOCUMENTS	424	423	
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATIO
		OTHER RE	FERENCES (In	cluding Author, Title, Date, Pertinent Pages, Etc.)	11		YES
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8932-295	To be assigned
APPLICANT	7-
D. PAUL et al.	09/828,625
FILING DATE	GROUP
Herewith	3732 (expected)

				Herewith		3732 (expe	ctea)
	Г	<u></u>		S. PATENT DOCUMENTS	CLASS	SUBCLASS	FILING DATE
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME			IF APPROPRIATE
- Co	FN	5,152,791	10/1992	Hakamatsuka et al.	623	16	
	FO	5,141,510	8/1992	Takagi et al.	623	16	
	FP	5,133,755	7/1992	Brekke	623	16	
	FQ	5,133,718	7/1992	Мао	606	69	
	FR	5,112,354	5/1992	Sires	623	16	
	FS	5,092,892	3/1992	Ashby	623	16	
	FT	5,092,891	3/1992	Kummer et al.	623	16	
	FU	5,092,887	3/1992	Gendler	623	13	
	FV	5,078,746	1/1992	Garner	623	16	
	FW	5,073,373	12/1991	O'Leary et al.	424	422	
	FX	5,067,962	11/1991	Campbell et al.	623	13	ļ <u>-</u>
	FY	5,062,850	11/1991	MacMillan et al.	623	17	
	FZ	5,061,287	11/1991	Feiler	623_	16	
/	GA	5,061,286	10/1991	Lyle	623	16	
(7)	GB	5,053,049	10/1991	Campbell	623	16	
•	GC	5,026,373	6/1991	Ray et al.	606	61	
	GD	4,994,084	2/1991	Brennan	623	11	_
	GE	4,975,526	12/1990	Kuberasampath et al.	530	350	
	GF	4,969,906	11/1990	Kronman	623	16	
	GG	4,961,740	10/1990	Ray et al.	606	61	
	GH	4,950,296	8/1990	McIntyre	623	16	
	GI	4,950,295	8/1990	Weigum et al.	623	16	
	GJ	4,936,848	6/1990	Bagby	623	17	
	GK	4,932,973	6/1990	Gendler	623	16	
	GL	4,902,296	2/1990	Bolander et al.	623	16	
	GM	4,877,020	10/1989	Vich	128	92 V	,
	GN	4,863,472	9/1989	Törmälä et al.	623	16	
	GO	4,834,757	5/1989	Brantigan	623	17	
	GP	4,789,663	12/1988	Wallace et al.	514	21	
	GQ	4,781,721	11/1988	Grundei	623	16	
	GR	4,755,184	7/1988	Silverberg	623	16	
	GS	4,745,914	5/1988	Frey et al.	128	92 VP	
6	GT	4,743,259	5/1988	Bolander et al.	623	16	

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1	X	(G	4,728,570	3/1988	Ashman et al.	428	327		
1		GV	4,678,470	7/1987	Nashef et al.	623	16		
		GW	4,654,464	3/1987	Mittelmeier et al.	623	16		
		GX	4,645,503	2/1987	Lin et al.	623	16		
		GY	4,627,853	12/1986	Campbell et al.	623	16		
		GZ	4,627,434	12/1986	Murray	128	303 R		
		НА	4,625,722	12/1986	Murray	128	92 VQ		
		НВ	4,610,692	9/1986	Eitenmuller et al.	623	16		
		нс	4,501,269	2/1985	Bagby	128	92 G		
		HD	4,485,097	11/1994)	Bell	424	95		
		HE	4,472,840	9/1984	Jefferies	3	1.9		
W		HF	4,440,750	4/1984	Glowacki et al.	424	95		
		HG	4,430,760	2/1984	Smestad	3	1.9		
1		нн	4,394,370	7/1983	Jefferies	424	15		
Las		н	4,344,190	8/1982	Lee et al.	3	1.9		
		HJ	4,294,753	10/1981	Urist	260	112 R		
		нк	4,237,559	12/1980	Borom	3	1.9	ļ	
		Ľ	4,222,128	9/1980	Tomonaga et al.	3	1.9		
		нм	4,172,128	10/1979	Thiele et al.	424	95		
		HZ	4,059,115	11/1977	Jumashev et al.	128	317		
		но	4,011,602	3/1977	Rybicki et al.	3	1.9	ļ	_
		HP	3,848,601	11/1974	Ma et al.	128	305		
		нα	2,621,145	12/1952	Sano	167	84		
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			DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLAT YES	TION NO
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